

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**JUN 30 2004**

**OFFICE OF PETITIONS**

**In re Application of:**

Frank L. Hall

**Serial No.:** 09/863,676

**Filed:** May 21, 2001

**For:** METHODS FOR PREPARING BALL  
GRID ARRAY SUBSTRATES VIA USE OF  
A LASER

**Examiner:** S. Heinrich

**Group Art Unit:** 1725

**Attorney Docket No.:** 2269-4718US  
(00-0316.00/US)

**NOTICE OF EXPRESS MAILING**

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. The listed documents were cited by the Office in co-pending application Serial No. 10/706,575, filed on November 12, 2003, and directed to a related invention. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

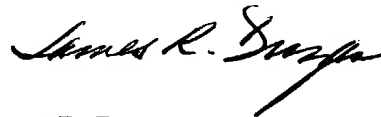
U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
5,607,601	03/04/97	Loper et al.
6,587,009	07/01/03	Kitamura et al.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application.

Respectfully submitted,



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Date: June 30, 2004  
JRD/sls:djp

Enclosures: Form PTO-1449 or PTO/SB/08  
Copy of documents cited

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